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FAX TRANSMISSION COVER SHEET

Date: August 25, 2005

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Comments:

Included in this facsimile transmittal are the following documents for filing in the above-identified patent application:

Response to Office Action dated April 25, 2005.

Fee Payments Authorized: \$ 60.00

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UNCLASSIFIED

AUG 25 2005

Rev. 12/09/04

FEE TRANSMITTAL For FY 2005 <small>Patent fees are subject to annual revision</small>				Complete if Known <table border="1"> <tr><td>Application Number:</td><td>09/859,701</td></tr> <tr><td>Filing Date:</td><td>5/16/2001</td></tr> <tr><td>First Named Inventor:</td><td>Benjamin P. Warner</td></tr> <tr><td>Examiner Name:</td><td>Deborah A. Davis</td></tr> <tr><td>Group/Art Unit:</td><td>1641</td></tr> <tr><td>Attorney Docket No.:</td><td>S-94,661</td></tr> </table>		Application Number:	09/859,701	Filing Date:	5/16/2001	First Named Inventor:	Benjamin P. Warner	Examiner Name:	Deborah A. Davis	Group/Art Unit:	1641	Attorney Docket No.:	S-94,661																																																																																																								
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METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)																																																																																																																					
1. <input checked="" type="checkbox"/> The commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 12-2150 Deposit Account Name: Los Alamos National Laboratory <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17				3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee Code</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>2051</td><td>\$65</td><td>Surcharge – late filing fee or oath</td></tr> <tr><td>1052</td><td>2052</td><td>\$25</td><td>Surcharge – late provisional filing fee or cover sheet</td></tr> <tr><td>1812</td><td>2520</td><td>\$1812</td><td>For filing a request for reexamination</td></tr> <tr><td>1251</td><td>2251</td><td>\$60</td><td>Extension for reply within first month</td></tr> <tr><td>1252</td><td>2252</td><td>\$225</td><td>Extension for reply within second month</td></tr> <tr><td>1253</td><td>2253</td><td>\$510</td><td>Extension for reply within third month</td></tr> <tr><td>1254</td><td>2159</td><td>\$254</td><td>Extension for reply within fourth month</td></tr> <tr><td>1255</td><td>2160</td><td>\$255</td><td>Extension for reply within fifth month</td></tr> <tr><td>1401</td><td>2401</td><td>\$250</td><td>Notice of Appeal</td></tr> <tr><td>1402</td><td>2402</td><td>\$250</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>1403</td><td>2403</td><td>\$500</td><td>Request for oral hearing</td></tr> <tr><td>1452</td><td>2452</td><td>\$250</td><td>Petition to revive – unavoidable</td></tr> <tr><td>1814</td><td>2814</td><td>\$55</td><td>Terminal Disclaimer</td></tr> <tr><td>1453</td><td>2150</td><td>\$750</td><td>Petition to revive – unintentional</td></tr> <tr><td>1460</td><td>1460</td><td>\$130</td><td>Petitions to the Director</td></tr> <tr><td>1806</td><td>1806</td><td>\$180</td><td>Submission of Information Disclosure Statement</td></tr> <tr><td>1809</td><td>2809</td><td>\$395</td><td>Filing a submission after final rejection (37 CFR 1.129 (a))</td></tr> <tr><td>1810</td><td>2810</td><td>\$395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td></tr> <tr><td>1811</td><td>1811</td><td>\$100</td><td>Certificate of Correction</td></tr> <tr><td>1504</td><td>1504</td><td>\$300</td><td>Publication fee for early, voluntary, or normal publication/Republication fee</td></tr> <tr><td>1801</td><td>2801</td><td>\$395</td><td>Request for Continued Examination (RCE)</td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td colspan="2">SUBTOTAL (3) \$ 60.00</td></tr> <tr> <td colspan="4"> APPLICATION SIZE FEE Large Entity Small Entity Fee Fee Fee Description Fee Paid 1202 \$50 2202 \$25 Claims in excess of 20 1201 \$200 2201 \$100 Independent claims in excess of 3 1203 \$360 2203 \$180 Multiple dependent claim, if not paid. 1204 \$88 2204 \$44 ** Reissue independent claims over original patent 1205 \$18 2205 \$9 ** Reissue claims in excess of 20 and over original patent APPLICATION SIZE FEE \$ _____ 1081 \$250 2081 \$125.00 For each additional 50 sheets that exceed 100 sheets, including specification and drawings SUBTOTAL (2) \$ 0.00 (Include total of Claims Fees and Size Fee here) </td> <td colspan="2"> Reduced by Basic Filing Fee Paid SUBTOTAL FROM 1 \$ 0.00 SUBTOTAL FROM 2 \$ 0.00 SUBTOTAL FROM 3 \$ 60.00 TOTAL AMOUNT OF PAYMENT \$ 60.00 (Enter total amount at top of page) </td> </tr> <tr> <td colspan="6"> SUBMITTED BY Printed Name: Samuel L. Borkowsky Signature: <i>Samuel L. Borkowsky</i> </td> </tr> <tr> <td colspan="4"></td> <td colspan="2"> Complete (if applicable) Reg. No. 42,346 Date: August 25, 2005 Telephone (505) 665-3111 </td> </tr> </tbody></table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee Code	Fee Description	Fee Paid	1051	2051	\$65	Surcharge – late filing fee or oath	1052	2052	\$25	Surcharge – late provisional filing fee or cover sheet	1812	2520	\$1812	For filing a request for reexamination	1251	2251	\$60	Extension for reply within first month	1252	2252	\$225	Extension for reply within second month	1253	2253	\$510	Extension for reply within third month	1254	2159	\$254	Extension for reply within fourth month	1255	2160	\$255	Extension for reply within fifth month	1401	2401	\$250	Notice of Appeal	1402	2402	\$250	Filing a brief in support of an appeal	1403	2403	\$500	Request for oral hearing	1452	2452	\$250	Petition to revive – unavoidable	1814	2814	\$55	Terminal Disclaimer	1453	2150	\$750	Petition to revive – unintentional	1460	1460	\$130	Petitions to the Director	1806	1806	\$180	Submission of Information Disclosure Statement	1809	2809	\$395	Filing a submission after final rejection (37 CFR 1.129 (a))	1810	2810	\$395	For each additional invention to be examined (37 CFR 1.129(b))	1811	1811	\$100	Certificate of Correction	1504	1504	\$300	Publication fee for early, voluntary, or normal publication/Republication fee	1801	2801	\$395	Request for Continued Examination (RCE)	Other fee (specify) _____				SUBTOTAL (3) \$ 60.00		APPLICATION SIZE FEE Large Entity Small Entity Fee Fee Fee Description Fee Paid 1202 \$50 2202 \$25 Claims in excess of 20 1201 \$200 2201 \$100 Independent claims in excess of 3 1203 \$360 2203 \$180 Multiple dependent claim, if not paid. 1204 \$88 2204 \$44 ** Reissue independent claims over original patent 1205 \$18 2205 \$9 ** Reissue claims in excess of 20 and over original patent APPLICATION SIZE FEE \$ _____ 1081 \$250 2081 \$125.00 For each additional 50 sheets that exceed 100 sheets, including specification and drawings SUBTOTAL (2) \$ 0.00 (Include total of Claims Fees and Size Fee here)				Reduced by Basic Filing Fee Paid SUBTOTAL FROM 1 \$ 0.00 SUBTOTAL FROM 2 \$ 0.00 SUBTOTAL FROM 3 \$ 60.00 TOTAL AMOUNT OF PAYMENT \$ 60.00 (Enter total amount at top of page)		SUBMITTED BY Printed Name: Samuel L. 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GENERAL LAW

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AUG 25 2005

Rev. 06/04/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Benjamin P. Warner et al.

Docket No.: S-94,661

Serial No.: 09/859,701

Examiner: Deborah A. Davis

Filed : May 16, 2001

Art Unit: 1641

For : METHOD FOR DETECTING BINDING EVENTS USING
MICRO-X-RAY FLUORESCENCE SPECTROMETRY

Customer No. 35068

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

RESPONSE

Sir:

In response to the Office Action dated April 25, 2005, please consider the accompanying remarks.

Amendments to the claims begin on page 2 of this paper.

Remarks begin on page 5 of this paper.

Please charge a one-month extension of time to our deposit account.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

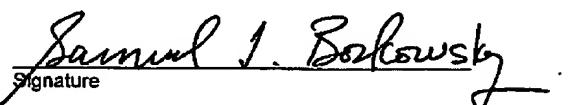
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Samuel L. Borkowsky
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Date August 25, 2005

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